

Nowhere Else On Earth

Something draws us to the sea and its islands. Maybe it is the thrill of traveling over water to an unfamiliar land. Or maybe it is the yearning for tranquility-to walk on a deserted beach with birds, salty breezes, and the rhythmic wash of waves as our companions. You don't have to go far to find such a place. Off the coast of southern California the Channel Islands seem to float on the horizon like ribbons of dark rock. Named for the deep troughs that separate them from the mainland, the eight islands and their encircling waters are home to more than 2,000 species of animals and plants-145 are found nowhere else on Earth. Isolation over thousands of years and the mingling of warm and cold ocean currents give rise to the rich biodiversity of these islands. Today, five of the islands, their submerged lands, and the waters within one nautical mile of each island are protected as Channel Islands National Park.

Living Alone Lower ocean levels during the ice ages narrowed the distance across the Santa Barbara Channel and exposed some of the sea floor. The land offshore, easier to reach then, allowed some species to venture into this new territory. Mammoths swam the channel. Mice and foxes drifted over on rafts of vegetation. Plants and seeds floated. glaciers raised the sea level. This widened the channel again and increased the isolation of animals and plants from the mainland.

Mammoths evolved to become a new species of pygmy mammoth, fox. Species of mice, scrub jays, and many plants grew larger. Isolavulnerability to outside forces.

Kinship of Islands and Sea A pow- and inland. The island Chumash erful bond between the land and sea used purple olivella shells to manucontrols everything here, from where facture the main currency used for plants grow to when seals breed. this commerce. Later, the region's Together, water currents, winds, and temperate climate and bountiful supports a rich diversity of life. Among explorers, missionaries, and ranchthe 2,000 species you will find here ers. In October 1542 Juan Bodríquez are northern fur seals, bright orange Cabrillo sailed into the Santa Bargaribaldi (California's state marine Birds flew. Later, water from melting fish), some 28 species of whales and tered on an island he called Isla de sea stars and surfgrass, and squid, died from injuries and may have which serve as a major link in the been buried on one of the islands. food chain as predator and prey.

Many species evolved over time and People on the Islands The islands couver gave the islands their presadapted to their isolated environment. attracted seafaring people long ago. About 13,000 years old, fragments from a woman's leabone found on otters, seals, and sea lions, nearly settled on the northern islands, and camps, ranching had become the tion and evolution did more than alter Gabrieliño/Tongva settled the southern economic mainstay by the late their size or shape; it increased their islands. Prosperous and industrious, 1800s. In the 20th century the milithe tribes joined in a trading network tary established lookouts on Anathat extended up and down the coast capa and Santa Barbara and prac-

some of their natural diversity. bara Channel. His expedition win-

dolphins, intertidal dwellers such as Posesión. On January 3, 1543, Cabrillo although his grave has never been found. In 1793 Capt. George Vanent names. Early in the 1800s fur traders searched the coves for sea and gray foxes shrank to the size of Santa Rosa provide a record of the hunting them to extinction. By 1822 house cats, becoming today's island earliest known human presence on the most Chumash had been moved to islands. Over time Chumash Indians mainland missions. Except for fishing

Today, ranching and other commercial and military activities have ceased. The islands are regaining

Alien Invasions Ranching and duced animals and plants that had devastating effects on island ecology. Livestock overgrazed the hills. Bare soil blew away. Feral pigs uprooted plants. Rabbits brought for meat escaped and devoured the native plants. Iceplant, thistles, and range grasses choked out native vegetation. Alien species threatened to destroy the ecological dynamics

Protection and Restoration Protection began in 1938 when Anacapa and Santa Barbara islands became Channel Islands National Monument. Cooperative agreements with the

ticed bombing raids on San Miguel. National Park Service, private landowners, The Nature Conservancy, U.S. Navy, and other state and federal agencies led to more preservation. In 1980 Congress designated San Miguel, Santa Rosa, Santa Cruz, Anacapa, Santa Barbara, and the development in the late 1800s intro- submerged lands and waters within one nautical mile of each island as Channel Islands National Park. The waters extending out six miles from each island are a National Marine Sanctuary. Channel Islands National Park monitors and protects threatened and endangered species, restores ecosystems, and preserves the natural and cultural resources





